

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended) A storage apparatus system comprising:
a plurality of controllers; and
a plurality of disk drives connected to said controllers,
wherein each of said controllers ~~includes~~ comprises:
a first interface connected to a computer,
a second interface connected to said disk drives, and
a first memory connected to said first and second interfaces, and
wherein said first memory of said controller is interconnected to other first
memories of said ~~the other~~ controllers are interconnected by a first communication
line, and
wherein said first memory temporarily stores data which is written to or read
from said disk drives via said first and second interfaces in response to an access
request from said computer.
2. (currently amended) The storage apparatus system according to claim
1, wherein each of said controllers further ~~includes~~ comprises:
a second memory connected to said first and second interfaces, and

wherein said second memory of said controller is interconnected to other
second memories of said the other controllers are interconnected by a second
communication line.

3. (currently amended) The storage apparatus system according to claim
2, wherein each of said first memories are is a shared memoriesmemory, and each
of said second memories are is a cache memoriesmemory.

4. (original) The storage apparatus system according to claim 3,
wherein said second memories are connected through switches to said first and
second interfaces.

5. (currently amended) The storage apparatus system according to claim
4, wherein each of said first and second communication line-lines is composed of
switches.

6. (original) The storage apparatus system according to claim 5,
wherein said first communication line is the same as said second communication
line.